

Title (en)
METHOD FOR MONITORING THE SPEED OF A BI-TURBOCHARGER

Title (de)
VERFAHREN ZUR DREHZAHL ÜBERWACHUNG EINES BI-TURBOLADERS

Title (fr)
PROCEDE POUR CONTROLER LE REGIME D'UN BI-TURBOCOMPRESSEUR

Publication
EP 1623103 A1 20060208 (DE)

Application
EP 04729896 A 20040428

Priority
• EP 2004050630 W 20040428
• DE 10320977 A 20030509

Abstract (en)
[origin: WO2004099585A1] The invention relates to a method and a device for monitoring the speed of a first charger (8) for an internal combustion engine (1), especially an exhaust gas turbocharger. Said method comprises the following steps: a first exhaust value (<1) representing the exhaust gas composition of the internal combustion engine (1) in a first exhaust section (4) is defined, and a first speed value (n1) representing the speed of the first charger is determined according to the defined first exhaust value (?i).

IPC 1-7
F02B 37/18; F02D 23/00; F02D 41/22

IPC 8 full level
F02B 37/007 (2006.01); **F02B 37/16** (2006.01); **F02B 37/18** (2006.01); **F02D 23/00** (2006.01); **F02D 41/00** (2006.01); **F02D 41/14** (2006.01); **F02D 41/22** (2006.01); **F02B 29/04** (2006.01)

CPC (source: EP US)
F02B 37/007 (2013.01 - EP US); **F02B 37/16** (2013.01 - EP US); **F02B 37/18** (2013.01 - EP US); **F02D 23/00** (2013.01 - EP US); **F02D 41/0007** (2013.01 - EP US); **F02D 41/1443** (2013.01 - EP US); **F02D 41/22** (2013.01 - EP US); **F02D 41/221** (2013.01 - EP US); **F01N 13/107** (2013.01 - EP US); **F02B 29/0412** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US); **Y02T 10/40** (2013.01 - EP US)

Citation (search report)
See references of WO 2004099585A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 2004099585 A1 20041118; DE 10320977 A1 20041209; DE 502004005655 D1 20080117; EP 1623103 A1 20060208; EP 1623103 B1 20071205; US 2006260306 A1 20061123; US 7380401 B2 20080603

DOCDB simple family (application)
EP 2004050630 W 20040428; DE 10320977 A 20030509; DE 502004005655 T 20040428; EP 04729896 A 20040428; US 55596905 A 20051108